

BASIS OF BEARING
SOUTH 89°12'14" EAST, BEING THE BEARING OF THE SOUTH LINE OF THE NORTHWEST QUARTER (NW 1/4) OF SECTION 18, TOWNSHIP 19 SOUTH, RANGE 90 EAST, M.D.M., CLARK COUNTY, NEVADA, AS SHOWN BY MAP THEREOF IN FILE 123, PAGE 32 OF SURVEYS IN THE CLARK COUNTY RECORDER'S OFFICE, NEVADA.

BENCHMARK
CITY OF LAS VEGAS BENCHMARK No. 6LV9018C4: RIVET & PLATE TOP CURB SE CORNER GRAND CANYON DR & FARM RD.

NAD 83
FEET = 2766.35
METERS = 843.186

NOTE TO CONTRACTOR:
IT IS THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE WITH THE CITY OF LAS VEGAS AND THE CITY OF LAS VEGAS FIRE AND RESCUE ON ROAD CLOSURE AND TEMPORARY ACCESS ISSUES.

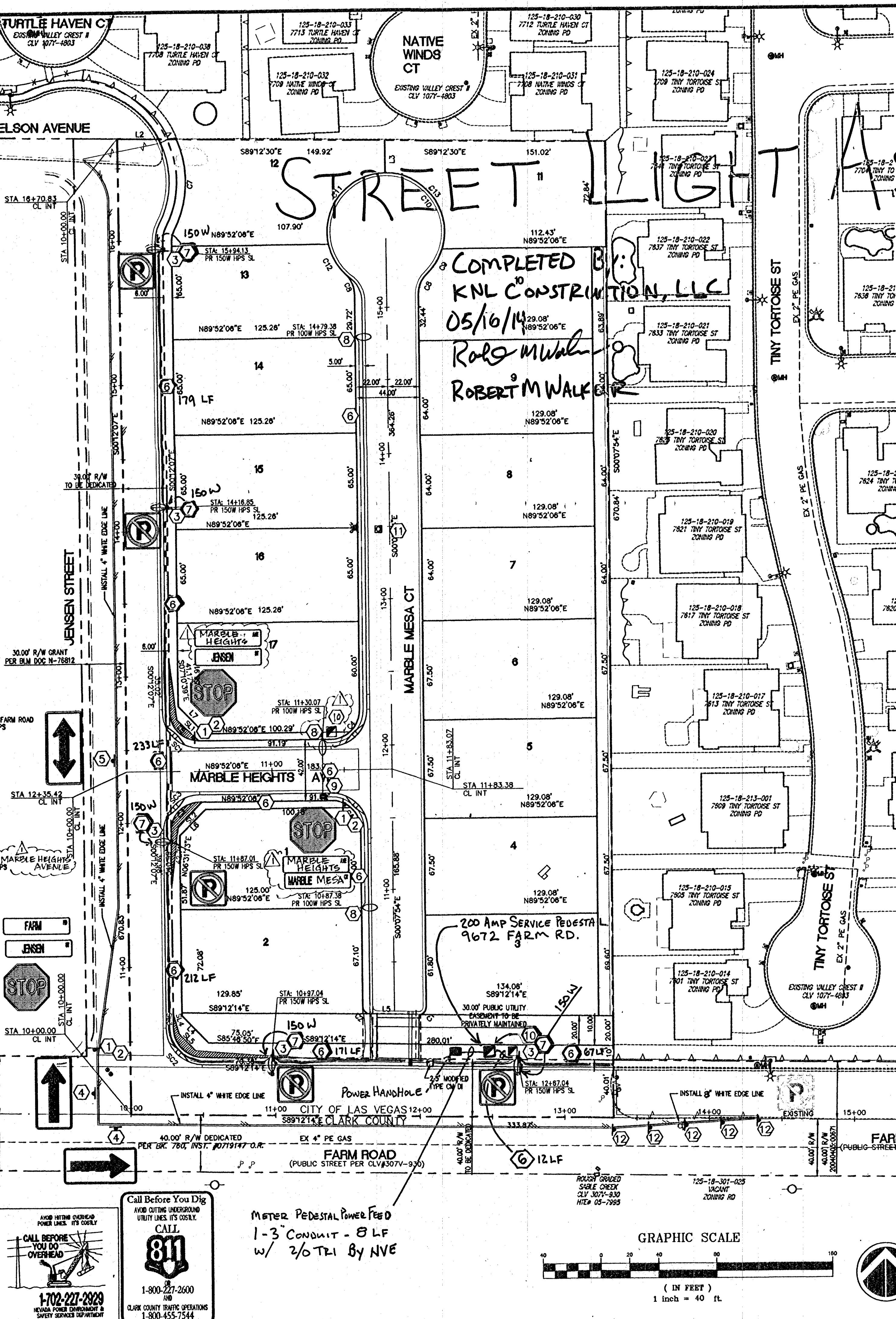
STREETLIGHT CIRCUIT CAPACITY VERIFICATION
PROPOSED CIRCUIT "A" (PUB) CAPACITY = 60 AMPS
PROPOSED SERVICE POINT LOCATION FOR CIRCUIT "A" IS AT STA 1142+07.04 FARM ROAD
MAXIMUM CONTINUOUS AMP DRAIN IS 50% OF CIRCUIT CAPACITY = 48 AMPS

STREETLIGHT CIRCUIT CAPACITY VERIFICATION
PROPOSED CIRCUIT "B" (PUB) CAPACITY = 60 AMPS
PROPOSED SERVICE POINT LOCATION FOR CIRCUIT "B" IS AT STA 1143+07.04 MARBLE HEIGHTS AVENUE
MAXIMUM CONTINUOUS AMP DRAIN IS 50% OF CIRCUIT CAPACITY = 48 AMPS

STREETLIGHT CIRCUIT CAPACITY VERIFICATION
PROPOSED CIRCUIT "C" (PUB) CAPACITY = 60 AMPS
PROPOSED SERVICE POINT LOCATION FOR CIRCUIT "C" IS AT STA 1144+07.04 MARBLE MESA CT
MAXIMUM CONTINUOUS AMP DRAIN IS 50% OF CIRCUIT CAPACITY = 48 AMPS

Call Before You Dig
UnderGround
1-702-465-7511
CITY OF HENDERSON TRAFFIC OPERATIONS AND FREEMAN AND ARTERIAL SYSTEM OF TRANSPORTATION
1-702-432-6300

CAUTION TO CONTRACTOR!
EXISTING UTILITY LOCATIONS SHOWN HEREON ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT VERTICAL AND HORIZONTAL LOCATION OF ALL EXISTING UNDERGROUND UTILITIES PRIOR TO COMMENCING CONSTRUCTION. NO REPRESENTATION IS MADE THAT ALL EXISTING UTILITIES ARE SHOWN HEREON. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR UTILITIES NOT SHOWN OR UTILITIES NOT SHOWN IN THEIR PROPER LOCATION.



S.V.R.E. DETAIL

NOTE: NO VIEW OBSTRUCTION OVER 24" ABOVE TOP OF CURB ALLOWED IN SHADDED AREA

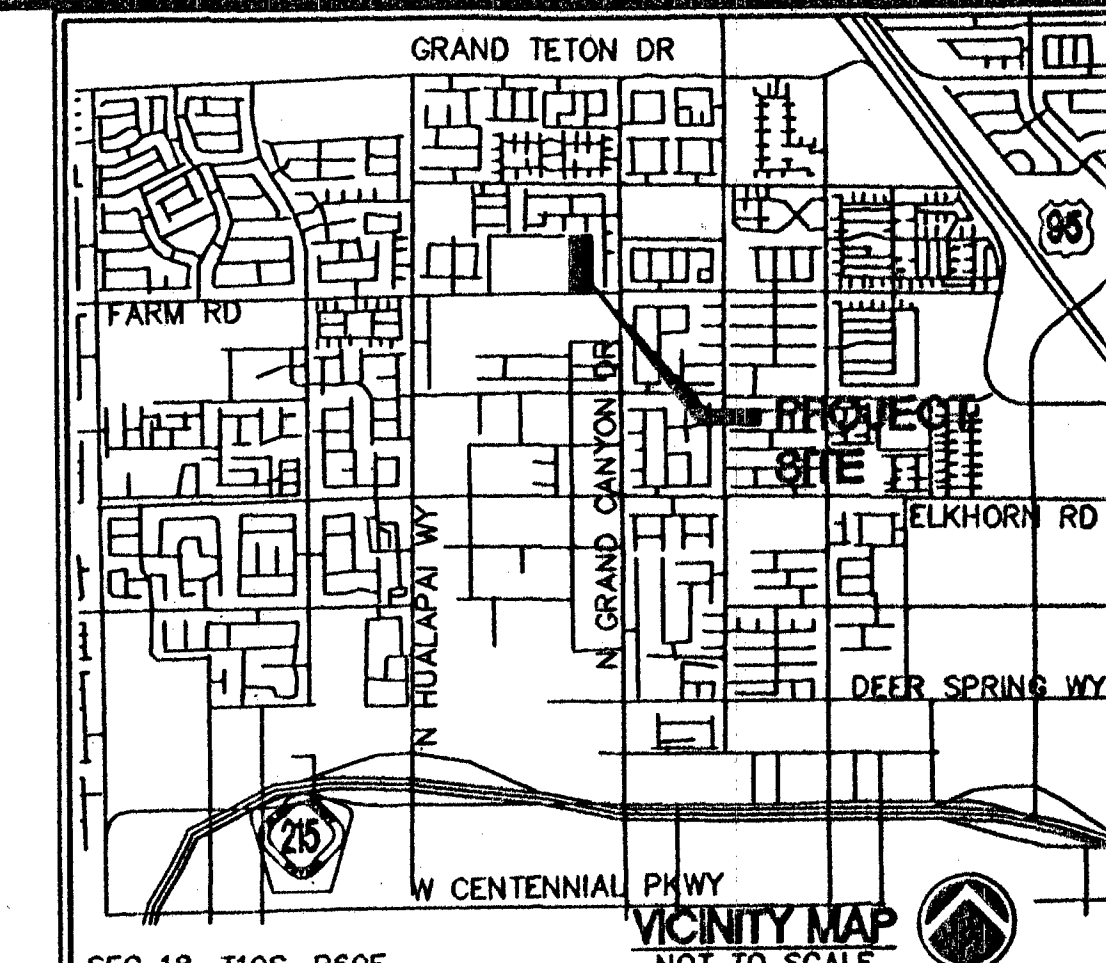
No.	BEARING	DISTANCE
SL1	S46°45'05"E	20.59'
SL2	N43°17'12"E	24.11'
SL3	N00°12'07"W	10.35'
SL4	N15°42'19"W	14.95'
SL5	N44°42'10"W	15.94'

No.	RADIUS	DELTA	LENGTH	TANGENT
SC1	20.00'	89°56'08"	31.59'	19.98'
SC2	20.00'	89°00'07"	31.07'	19.65'
SC3	20.00'	94°33'58"	33.01'	21.68'

SVZ NOTE:
NO WALLS, FENCES, TREES, SHRUBS, UTILITY APPURTENANCES OR ANY OTHER OBJECT OTHER THAN TRAFFIC CONTROL DEVICES AND STREETLIGHT POLES MAY BE CONSTRUCTED OR INSTALLED WITHIN THE SIGHT VISIBILITY ZONE UNLESS SAID OBJECT IS MAINTAINED AT LESS THAN 24" IN HEIGHT.

TRAFFIC AND ELECTRICAL NOTES

- ALL PERMANENT TRAFFIC CONTROL DEVICES CALLED FOR HEREON SHALL BE IN PLACE AND IN FINAL POSITION PRIOR TO ALLOWING ANY PUBLIC TRAFFIC ONTO THE PORTION(S) OF THE ROAD(S) BEING IMPROVED HEREUNDER, REGARDLESS OF THE STATUS OF COMPLETION OF PAVING OR OTHER OFF-SITE IMPROVEMENTS CALLED FOR BY THESE PLANS.
- BEFORE ANY WORK IS STARTED IN THE RIGHT-OF-WAY, THE CONTRACTOR SHALL INSTALL ALL ADVANCE WARNING SIGNS FOR THE CONSTRUCTION ZONE. THE CONTRACTOR SHALL INSTALL TEMPORARY GROUND MOUNTED STOP SIGNS AT ALL NEW STREET ENCROACHMENTS INTO EXISTING COUNTY STREETS IMMEDIATELY AFTER FIRST GRADING WORK IS ACCOMPLISHED AND SHALL MAINTAIN SAID SIGNS UNTIL PERMANENT SIGNS ARE INSTALLED.
- ALL CONSTRUCTION SIGNING, BARRICADING AND PAVEMENT MARKINGS SHALL CONFORM TO THE NEVADA WORK ZONE TRAFFIC CONTROL HANDBOOK - 1988 AND TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, CURRENT EDITION.
- IF THE IMPROVEMENTS NECESSITATE THE OBLITERATION, TEMPORARY OBSTRUCTION, TEMPORARY REMOVAL, OR RELOCATION OF ANY EXISTING TRAFFIC PAVEMENT MARKING, SUCH PAVEMENT MARKING SHALL BE RESTORED OR REPLACED WITH LIKE MATERIALS TO THE SATISFACTION OF THE COUNTY TRAFFIC MANAGER.
- IF THE IMPROVEMENTS NECESSITATE THE OBLITERATION, TEMPORARY OBSTRUCTION, TEMPORARY REMOVAL, OR RELOCATION OF ANY EXISTING TRAFFIC PAVEMENT MARKING, SUCH PAVEMENT MARKING SHALL BE RESTORED OR REPLACED WITH LIKE MATERIALS TO THE SATISFACTION OF THE COUNTY TRAFFIC MANAGER.
- IF A PROPOSED STREET LIGHT STANDARD IS FIELD LOCATED TO WITHIN FIVE (5) FEET OF ANY SIGN SHOWN HEREON TO BE MOUNTED ON A SIGN POST, CHANGE SIGN MOUNTING TO ONE ON THE STREETLIGHT STANDARD.
- PRIOR TO CONSTRUCTION, THE STREET SIGN CONTRACTOR SHALL OBTAIN STREET NAMES AND BLOCK NUMBERING FROM THE CURRENT PLANNING DIVISION OF THE DEPARTMENT OF COMPREHENSIVE PLANNING.
- ALL TRAFFIC SIGNAL POLE ASSEMBLIES, STEEL PEDESTAL FOR CABINETS AND STREET LIGHT POLES SHALL BE GALVANIZED PER ASTM A123.
- ALL STREET LIGHTING INSTALLATIONS EXCEPT AS NOTED ON THE STREET LIGHTING PLANS SHALL CONFORM TO THE UNIFORM STANDARD DRAWINGS AND THE UNIFORM STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION OF THE SITE IMPROVEMENTS CLARK COUNTY AREA, NEVADA, LATEST EDITION OF EACH.
- THE FOLLOWING CLARK COUNTY UNDERGROUND FACILITIES MAY BE LOCATED IN YOUR PROJECT AREA: STREET LIGHTING, TRAFFIC SIGNALS, AND FREEMAN AND ARTERIAL SYSTEM TRANSPORTATION (F.A.S.T.) INTERCONNECT CABLE. YOU MUST CONTACT CLARK COUNTY TRAFFIC MANAGEMENT DIVISION, OPERATIONS UNIT AT 455-6000 FOR LOCATIONS AT LEAST 48 HOURS PRIOR TO WORKING IN THE AREA. CLARK COUNTY IS NOT A MEMBER OF "CALL BEFORE YOU DIG" (UNDERGROUND SERVICE ALERT), AND A CALL TO THAT ORGANIZATION DOES NOT RELIEVE YOU OF LIABILITY FOR CLARK COUNTY FACILITIES.
- FAST INTERCONNECT CABLE POLICY IS IN EFFECT. INTERCONNECT CABLE MUST BE MAINTAINED AT ALL TIMES. DEVELOPER/CONTRACTOR SHALL PROVIDE TEMPORARY OVERHEAD INTERCONNECT CABLE WHILE PERMANENT CABLE IS BEING RELATED. TEMPORARY AERIAL INSTALLATION MUST BE ACCEPTABLE TO THE COUNTY TRAFFIC MANAGER AND TO F.A.S.T. ANY DAMAGE TO THIS CABLE IS DEEMED AN EMERGENCY BY F.A.S.T., CITY OF LAS VEGAS, CLARK COUNTY AND MUST BE REPAIRED IMMEDIATELY TO F.A.S.T. ACCEPTANCE. \$2500 PER DAY DAMAGES MAY BE ASSESSED AFTER 24 HOURS HAS ELAPSED FROM TIME OF BREAK OR DAMAGE.
- ALL NEW OR REPLACEMENT TRAFFIC SIGNAL LOOPS SHALL BE INSTALLED USING CABLE-IN-DUCT WRITING, SHALL HAVE INDEPENDENT LEAD-IN WIRES FOR EACH LOOP FROM THE CONTROLLER TO THE PULL-BOX, AND EACH LEAD-IN SHALL BE INDIVIDUALLY TAGGED.
- TRAFFIC SIGNAL PEDESTRIAN HEADS SHALL BE THE L.E.D. TYPE.
- ELECTRICAL POWER SERVICE POINT LOCATION(S) FOR STREET LIGHTING AND TRAFFIC SIGNALS MUST BE INDICATED ON THE PLANS. IF CONNECTING TO AN EXISTING CIRCUIT, INDICATE LOCATION OF EXISTING SERVICE POINT FOR EACH CIRCUIT.
- WHEN STREET LIGHTS ARE TO BE CONNECTED TO AN EXISTING CIRCUIT, THE ENGINEER MUST CERTIFY THAT THE EXISTING CIRCUIT IS CAPABLE OF HANDLING THE ADDITIONAL CIRCUIT LOAD.
- CLARK COUNTY RESERVES THE RIGHT TO REJECT STREET LIGHT AND TRAFFIC SIGNAL POLES AND ASSEMBLIES WHICH HAVE A "STRIPED" APPEARANCE.
- TWO WEEKS PRIOR TO BEGINNING OF CONSTRUCTION, MODIFICATION OR RELOCATION OF ANY TRAFFIC SIGNAL SYSTEM, WRITTEN NOTICE SHALL BE SUBMITTED TO THE CLARK COUNTY TRAFFIC MANAGEMENT DIVISION OF THE DATE THAT WORK WILL BEGIN.
- THREE (3) NORMAL WORKING DAYS PRIOR TO TURN-ON OR COMPLETION OF MODIFICATIONS TO TRAFFIC SIGNAL SYSTEM, WRITTEN NOTICE SHALL BE SUBMITTED TO THE CLARK COUNTY TRAFFIC MANAGEMENT DIVISION THAT WORK IS BEING COMPLETED AND THE PROPOSED DATE OF COMPLETION.



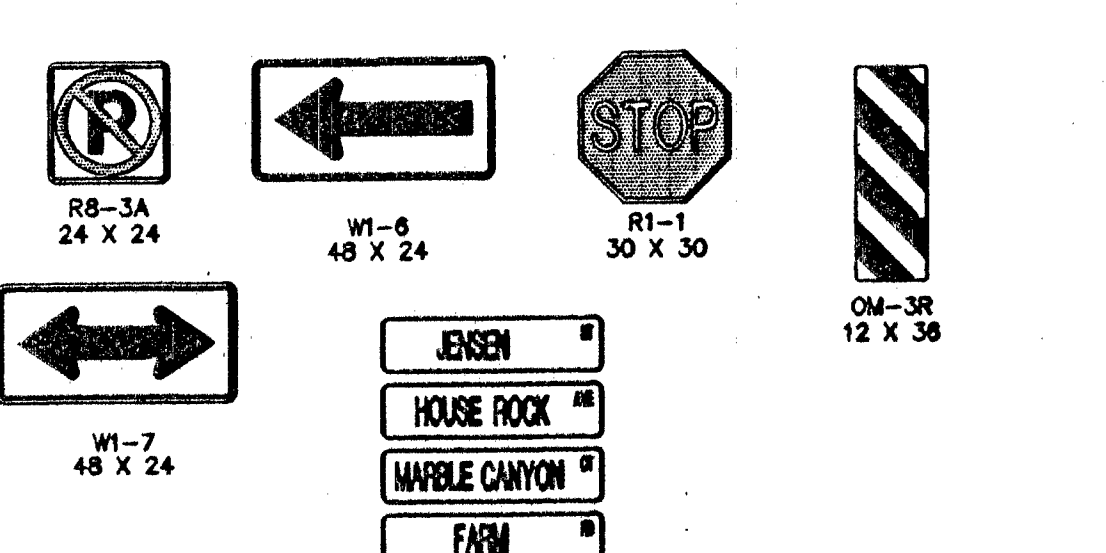
LEGEND

SYMBOLS		DESCRIPTION
---	---	RIGHT-OF-WAY
---	---	CENTERLINE
---	---	PROPERTY LINE
---	---	EASEMENT

STREET LIGHT AND TRAFFIC QUANTITY ESTIMATE

	PUBLIC	PRIVATE
1. INSTALL R1-1 "STOP" SIGN (30"x30")	1 EA	2 EA
2. INSTALL STREET NAME SIGNS 9"	2 EA	4 EA
3. INSTALL "R8-3A" (24"x24") NO PARKING SIGN	5 EA	- EA
4. INSTALL "W1-0" (24"x48") ARROW SIGN	2 EA	- EA
5. INSTALL "W1-7" (24"x48") DOUBLE ARROW SIGN	1 EA	- EA
6. INSTALL 1 1/4" STREET LIGHT CONDUIT W/WIRES	854 EA	432 EA
7. PROPOSED 150 W HPS LUMINAIRE W/ STANDARD	3 EA	- EA
8. PROPOSED 100 W HPS LUMINAIRE W/ STANDARD	- EA	3 EA
9. INSTALL PULL BOX	- EA	1 EA
10. INSTALL SERVICE PEDESTAL	1 EA	1 EA
11. INSTALL REFLECTIVE BLUE MARKER	- EA	1 EA
12. INSTALL OMSR @ 20' O.C.	5 EA	- EA

ALL QUANTITIES ARE AN ESTIMATE ONLY. THE CONTRACTOR IS RESPONSIBLE FOR QUANTITIES FOR BIDDING PURPOSES



NO.	DATE	BY	APP. DATE

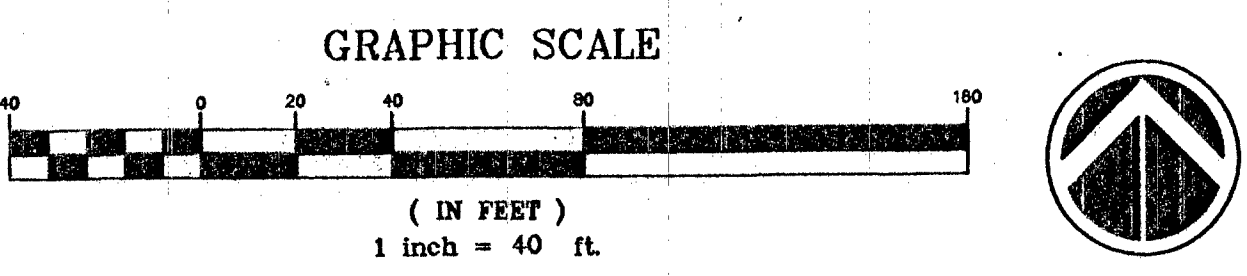
TRAFFIC PLAN
MARBLE CANYON ESTATES
CITY OF LAS VEGAS, NEVADA

PETER J. LAAS
REGISTERED PROFESSIONAL ENGINEER - STATE OF NEVADA
Exp: 12/31/13
CIVIL
1731/13

CLARK COUNTY DEPARTMENT OF PUBLIC WORKS ACCEPTED
Four Partitions within Clark County

Impulse
Civil Engineering & Planning
1-702-227-2929
SHEET 6 of 11
SCALE: 1" = 40'

DEVELOPER
D.R. HORTON
America's Builder
330 CAROUSEL PARKWAY
HENDERSON, NV 89014
CLV# 10194981
H# 48854
HTE# 13-12603



Call Before You Dig
CALL 811
1-800-227-2600
CLARK COUNTY TRAFFIC OPERATIONS
1-800-455-7544

METER PEDESTAL POWER FEED
1-3 CONDUIT - 8 LF
W/ 2/0 TRI BY NVE